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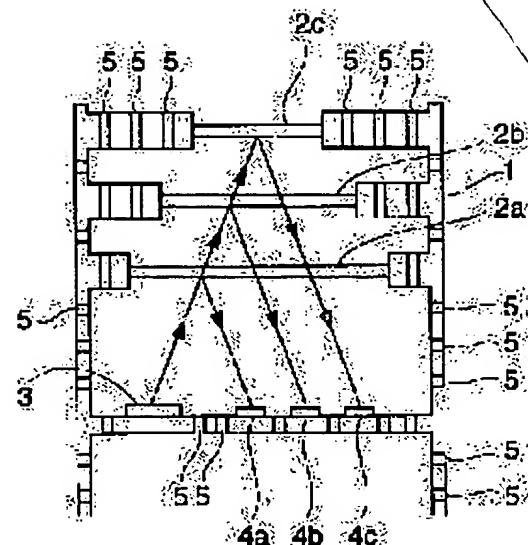
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## (54) ACOUSTOELECTRIC TRANSDUCER

## (57) Abstract:

PROBLEM TO BE SOLVED: To provide a small-sized directive acoustoelectric transducer at a low cost.

SOLUTION: The acoustoelectric transducer is provided with diaphragms 2a, 2b and 2c that are fixed independently of each other in a case 1 and vibrated by a sound pressure, a light source 3 emitting a light beam to the diaphragms 2a, 2b and 2c, and light receiving elements 4a, 4b and 4c that receive a reflecting light from the diaphragms 2a, 2b and 2c, and output a signal corresponding to the vibration of the respective diaphragms 2a, 2b and 2c.



## LEGAL STATUS

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